

REMARKS

Claims 39-49 are now pending. Claims 1-38 are now cancelled. Claims 39-49 are now added. The new claims are fully supported by the application as filed and do not present new subject matter. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

REJECTION UNDER 35 U.S.C. § 103

Claims 1, 2, 4, 5, 7, 8-10, 21, 25 and 32-38 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Sugimoto et al. (U.S. Pat. No. 5,777,610) in view of Kishigami (U.S. Pat. No. 5,467,210).

Claims 3, 6, 11-20, 22-24 and 26-31 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Kishigami in view of Sugimoto et al.

These rejections are respectfully traversed.

As set forth above, Claims 1-38 are now cancelled. Therefore, the rejections of Claims 1-38 are now moot. Applicants respectfully request reconsideration and withdrawal of this rejection.

NEW CLAIMS

New Claims 39 – 49 are now added. The new claims are fully supported by the application as filed and do not present new subject matter. Applicants respectfully request entry and consideration of the new claims.

New Claim 39 recites in part, and with reference to Figures 2-4 for exemplary purposes only as the invention includes numerous embodiments, a first glass substrate and a second glass substrate. An input line 29 is disposed on an extended area 23A of

the second glass substrate. A data signal driver integrated circuit 28 is mechanically affixed directly to the second glass substrate at a mounting position on the extended portion 23A. The data signal driver IC 28 has a bump electrically connected to the input line 29. A flexible circuit board 22 is substantially accommodated within the extended portion in plan view and is mounted with an electronic component that overlaps the data signal driver IC in plan view. The flexible circuit board has an opposing side that at least partially opposes the data signal driver IC and a signal output terminal 22A that is provided adjacent an edge of the opposing side. The signal output terminal 22A is electrically connected to the input line 29 at a position of the extended area between a short side of the extended area and the mounting position of the data signal driver IC.

New independent Claim 45 recites in part, and with reference to Figures 2-4 for exemplary purposes only as the invention includes numerous embodiments, a flexible circuit board 22 substantially accommodated within a extended portion of a second substrate in plan view. The flexible circuit board is mounted with an electronic component that overlaps a data driver IC 28 in plan view. The flexible circuit board has a signal output terminal 22A adjacent a lengthwise edge of the extended portion and a scanning output terminal 22B adjacent an opposite lengthwise edge of the flexible circuit board.

New Claim 46 recites, in part and with reference to Figure 4 for exemplary purposes only as the invention includes numerous embodiments, a first glass substrate, a second glass substrate, and an electro-optic material layer interposed between the substrates. An input line 29 is disposed on an extended area of the second glass substrate. An integrated circuit 28 is mechanically fixed to the second glass substrate on the extended portion. A flexible circuit board 22 is disposed on the opposite side of the integrated circuit from the second glass substrate and is electrically connected to the

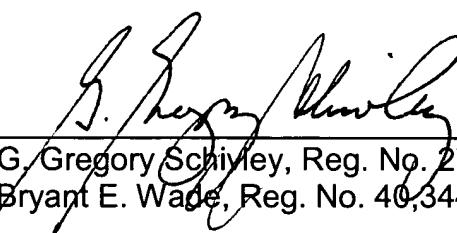
integrated circuit. An insulating substrate 34 is interposed between the integrated circuit and the flexible circuit board.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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